

CLAIMS

Please amend Claim 1 as follows:

1. (Currently Amended) A method of dynamically changing rack capacity on demand, said method comprising:
 - receiving a rack equipment capacity alteration request;
 - performing an analysis of said rack equipment capacity alteration request;
 - and
 - changing performance of rack equipment in accordance with said analysis of said rack equipment capacity alteration request and wherein said changing of said performance of said rack equipment is based at least in part on a potential change to a client's business requirements.
2. (Previously Presented) The method of claim 1, wherein said changing of said performance of said rack equipment includes altering said rack equipment performance settings.
3. (Previously Presented) The method of claim 1, wherein changing said performance of said rack equipment includes changing performance capacity by said rack equipment in accordance with a capacity demand plan.
4. (Previously Presented) The method of claim 3, wherein said capacity demand plan indicates an increase in a voltage and a frequency of said rack equipment when a demand for capacity increases.
5. (Cancelled)
6. (Previously Presented) The method of Claim 1, further comprising automatically changing said performance interactively.
7. (Original) The method of claim 1, further comprising verifying a payment associated with said rack equipment capacity alteration request is made.
8. (Previously Presented) A rack equipment capacity on demand system comprising:
 - rack equipment for processing data;

a capacity demand plan component for controlling operational changes to said rack equipment based on a capacity demand plan; and

a communications bus for coupling said rack equipment and said capacity demand plan component, wherein said communications bus is utilized for communicating information between said capacity demand plan component and said rack equipment; and

a master management control center for coordinating control of rack equipment among a plurality of racks.

9. (Original) The rack equipment capacity on demand system of claim 8, wherein said capacity demand plan component controls the amount of rack equipment resources assigned to an application.

10. (Original) The rack equipment capacity on demand system of claim 8, wherein said capacity demand plan component switches on and off said rack equipment in accordance with said capacity demand plan.

11. (Cancelled)

12. Previously Presented) The rack equipment capacity on demand system of claim 8, wherein said capacity demand plan is dynamically adjustable on the fly.

13. (Previously Presented) The rack equipment capacity on demand system of claim 8, wherein said capacity demand plan is structured in accordance with business needs of a client.

14. (Previously Presented) The rack equipment capacity on demand system of claim 8, further comprising:

a memory for storing equipment information and capacity demand plan information; and

a cross indexing component for cross indexing said equipment information and said capacity demand plan information.

15. (Previously Presented) A computer-useable storage medium comprising computer-readable program code embodied therein for causing a computer system to implement power pricing performance instructions comprising:

a capacity demand detection module for detecting indications of requests for capacity demand changes covered by a capacity demand plan;

a capacity demand administration module for administering examination of capacity demand changes;

an instruction generation module for generating rack equipment performance adjustment commands to implement said capacity demand plan; and

a master management control center for coordinating control of rack equipment among a plurality of racks.

16. (Previously Presented) The computer storage medium of claim 15, further comprising a telemetry monitoring module for monitoring characteristics and activity of rack equipment associated with said equipment performance adjustments commands.

17. (Previously Presented) The computer storage medium of claim 15, further comprising an event spawning module for generating power pricing events.

18. (Original) The computer storage medium of claim 15, wherein said instruction generation module comprises functionality for generating a command to postpone processing.

19. (Previously Presented) The computer storage medium of claim 15, wherein said capacity demand plan is an agreement between a host and a client and is structured in manner to accommodate business activities of said client.

20. (Previously Presented) The computer storage medium of claim 16, wherein said telemetry monitoring module confirms that said performance equipment adjustment commands are complied with.